

# CS410 Project Progress Report

Team BXB

## 1. Tasks completed:

- Brainstorm meetings
- Collecting, cleaning and consolidating data from the CS410 Coursera course as searchable text documents
- Gathered 15 queries from Campuswire website as sample queries to test the project algorithm
- Research on various ranking functions and how to apply them on our project
- Rough outline/skeleton of our code in a jupyter notebook. Also set up the project github for collaboration: <https://github.com/xiaofanliu77/CourseProject>

## 2. Tasks pending:

- Implementing and fine-tuning ranking functions, and getting them to return a list of ranked documents from the CS410 class on Coursera
- Labeling the results from the ranking function as relevant/not relevant, and computing the MAP
- Documenting code and writing project updates
- Preparing and creating the presentation

## 3. Challenges

- Getting usable data from Coursera for the CS410 course. In the end we were able to download the course files for this semester's CS410 using the tool described in this blog post:  
<https://medium.com/@ootaki.yuuki/how-to-download-all-contents-in-coursera-courses-automatically-963f199be55f>
- Research and determining how to implement ranking functions, and how to evaluate the result (i.e. whether to use NDCG, MAP, or others)